



# **Missouri Department of Natural Resources**

## **Water Quality Coordinating Committee Water Protection Program**

### **Meeting Minutes**

**August 16, 2005**

## **WATER QUALITY COORDINATING COMMITTEE**

USGS Columbia Environmental Research Center  
4200 New Haven Road  
Columbia, Missouri

August 16, 2005  
10:00 a.m.

### **MEETING AGENDA**

Update on RAM Program, Matt Combes, MDC

The North Fork Project - Final Report, Wanda Eubank  
Clarence Cannon Wholesale Water Commission

Other

Clean Water Forum  
Drinking Water Primacy Fee and Water Pollution Permit Fees  
Status of Water Quality Standards Revisions  
Status of CSO (Combined Sewer Overflow) Workgroup  
303(d) List Status

Agency Activities

Meetings & Conferences

# MISSOURI WATER QUALITY COORDINATING COMMITTEE

August 16, 2005

USGS Columbia Environmental Research Center  
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Columbia, Missouri

## MINUTES

### Attendees:

Becky Shannon	DNR/WPSCD/WPP-WPCB	Dorris Bender	City of Independence/WPC
Rebecca Landewe	EPA Region VII	Georganne Bowman	DNR/WPSCD/WPP-WPCB
Bonnie Liscek	EPA Region VII	Daniel Obrecht	UM
Bob Bacon	Env. Resources Coalition	Larry Ruff	Greenway Network, Inc.
Wendi Rogers	UMC FAPRI	Gerry Boehm	Greenway Network, Inc.
Tim Rielly	MDC	Hans Holmberg	Limno-Tech, Inc.
Cindy DiStefano	MDC	Jim Mellem	Kansas City Water Services
Angel Kruzen	Water Sentinal	Matt Combes	MDC
Michael Heaton	DNR NERO	Priscilla Stotts	DNR/WPSCD/WPP-WPCB
Bob Lerch	USDA-ARS	Karen Bataille	MDC
Jen Nelson	USDA-ARS	Betty Wyse	Env. Resources Coalition
Randy Lyman	Springfield Public Works	Bob Hentges	MO Public Utility Alliance
Ed Malter	City of Springfield	Miya Barr	USGS
Jack Dutra	Syngenta	Paul Hauser	Clean Water Commission
Wanda Eubank	UM Extension/North Fork	Terry Frueh	Bonne Femme Watershed
Liz Grove	CCWWC	Trent Stober	MEC Water Resources
Bob Ball	USDA-NRCS	Ed Galbraith	DNR/WPSCD/WPP-WPCB
Nonie Dudley	USDA-RD	Darlene Schaben	DNR/WPSCD/WPP-WPCB

Introductions were made.

### Update on RAM Program, Matt Combes, MDC

Matt gave an update on the analysis of the 2002 statewide dataset. The 2002 document, A Comprehensive Assessment of Missouri's Warmwater, Wadeable Streams, is available by sending an e-mail request to Darlene. Matt said the document would also be available on MDC's Web site soon.

Data collected in 1994-1995 was compared to the 2002 data. They used 72 random sites with 48 sites sampled in both periods. They used 26 reference sites in 1994-1995 and 25 in 2002. For the 2002 analysis they analyzed 199 variables, which included 1 fish community, 1 macroinvertebrate community, 146 physical habitat, and 51 water quality. He explained that the physical habitat sites were selected using those with a signal to noise ratio of less than 2. They used water quality variables with concentrations above their detection limit. Cumulative distribution analysis was also used. He showed a graph using 1994-1995 and 2002 data using random sites and reference sites. The Fish IBI showed 55% warm water wadeable streams in the fair-good range for 1994-1995 and 86% in 2002. For the most part, the worst streams improved and the best remained the same. The physical habitat and water quality was stable to improved. Pollutants in stream sediments decreased or were stable; pollutants in fish tissue remained unchanged with only cadmium increasing. In answer to a question, Matt said they found the mercury in fish tissue to be stable. He then showed a state map and indicated which Ecological District Units (EDUs) have been done and what areas they will work on next.

**The North Fork Project - Final Report**, Wanda Eubank, Clarence Cannon Wholesale Water Commission Handout: "We All Live...Downstream" Aug 2005 Newsletter

Wanda said they focused on the problems identified that affected their water quality. The North Fork Salt River feeds into Mark Twain Lake and covers six counties. This project developed and built upon a Watershed Restoration Action Strategy (WRAS) document outlining the needs of greatest concern. Several partnership projects have been developed to educate and promote watershed stewardship throughout northeast Missouri communities and watersheds. Those include an AgNPS SALT project, Turf Issues Workshops, Watershed Discovery Tours, Target MAP, Environmental Education Day and Water Fest, On-Site Sewage Workshops, and others. Wanda then showed a DVD they made that highlighted the activities and accomplishments of the project.

Wanda will be retiring after this project ends on August 31, 2005.

## **Other**

**Clean Water Forum**, Ed Galbraith, Director, WPP

Ed said the purpose of the Clean Water Forum is a policy forum used to transfer regulations into practice. Drinking water issues are also being included. Approximately 120 people were in attendance at the May and July meetings. Ed plans to schedule these meetings quarterly. The public need to know that DNR cares. The discussion at the May meeting focused on finding out the things that DNR can do better; the July meeting focused on fostering the spirit of cooperation and collaboration.

**Drinking Water Primacy Fee and Water Pollution Permit Fees**, Ed Galbraith, Director, WPP

The drinking water primacy fee and the water pollution permit fee sunset in 2007. Work is being done now to get these fees renewed. A meeting is scheduled today (August 16) to discuss the drinking water fee. A meeting to discuss the water pollution permit fee will be scheduled for next week. An invitation e-mail went out to a small group to attend this meeting. Ed informed the group that if someone didn't get an invitation and would like to be involved in this workgroup, they need to contact him.

**Status of Water Quality Standards Revisions**, Phil Schroeder, WPP

Phil said they are trying to bring the Water Quality Standards revisions to a close. They plan to make a presentation at the Clean Water Commission meeting on September 7. If the Commission approves, a final rule should be in place by the end of the year. They plan to work next on nutrient criteria, antidegradation, wetlands, and protection to unclassified waters.

**Status of CSO (Combined Sewer Overflow) Workgroup**, Phil Schroeder, WPP

The group has been meeting for several months to move toward the EPA requirements. The group will be meeting this afternoon (August 16) at this location. They hope to have information for public review later this year.

**303(d) List Status**, Phil Schroeder, WPP

The Clean Water Commission approved the methodology document last fall for developing the next list. The department will have two preliminary lists. One list will be a new list starting from scratch based on the methodology; the other list will use the 2002 list as a starting point, with revisions based on the methodology. They will be asking the Commission which direction to take. Phil said the WPP would like to use the new list. April 1, 2006, is the deadline for the next submittal.

Becky mentioned that the next Clean Water Commission meeting is scheduled for September 7, 2005, in Jefferson City, at the Capitol Plaza Hotel. This has changed from the original scheduled location of St. Louis. Along with the Water Quality Standards on the agenda, the FY05 nonpoint source 319 proposal ranking will be also be presented for approval.

Becky said the next WQCC meeting would be held in Jefferson City with an agenda focus on nutrient criteria.

### **MoRAP Grant Award, Scott Sowa, MoRAP**

Scott informed the group that a proposal submitted by MoRAP was selected for funding from the FY05 Wetlands Protection and Development grant RFP. The project is entitled "Developing Synoptic Human Stressor Indicators for Assessing Ecological Integrity of Freshwater Ecosystems." MoRAP developed an 11-metric "Human Stressor Index" that was used to assess the relative degree and principal causes of human disturbance in small watersheds across Missouri. This tool provides only a crude measure of human disturbance and could only examine 8, 10, or 12-digit HUC watersheds. This project will develop GIS-based scientifically rigorous, standardized, and regionally accepted synoptic indices of human disturbance. The first task is looking for geospatial information for human stressors. This is a 3-year project. The first two years will mostly be data development. This project will complement the proposal submitted to DNR for the FY05 319 Nonpoint Source grant.

### **Agency Activities**

Priscilla Stotts said she was working on plans for the World Water Monitoring Day in October. Plans are being made for activities in Kansas City and St. Louis. The Perry County project she is working on will soon end so she will be ready to start a new project.

Bob Hentges requested a copy of Matt's report.

Terry Frueh said that a watershed sensitivity analysis would soon be on the Web. They are doing a presentation on October 14 and asking for public reaction. For more information about their Bonne Femme project, log onto [www.cavewatershed.org](http://www.cavewatershed.org).

Trent Stober said the Water Environment Federation conference will be held October 20 in Columbia.

Cindy DiStefano said the Southeastern Association of Fish and Wildlife Agencies Conference will be held October 16-19 in St. Louis. (<http://mdc.mo.gov/seafwa>)

Bob Bacon said he is working on an ERAP project that is using UAA site-specific protocol.

Bonnie Lisceck has been looking at UAAs.

John Lodderhose mentioned that Operation Clean Stream is scheduled for August 27, 2005. Check their Web site for more information.

Bob Lerch has been working on CEAP (Conservation Effectiveness Assessment Project), which is a monitoring network, and getting information on Mark Twain Lake. Midwest Environmental Consultants, Missouri Corn Growers Association, and NRCS have been involved.

Liz Grove said the Clarence Cannon Wholesale Water Commission has put out an additional bid for a 2.5 million gallon expansion. Their current capacity is five million gallons per day.

Bob Ball invited everyone not already signed up for the "It's The Water" workshop to do so before the August 31 deadline. It will be held September 13-15, 2005, in Hannibal. He had brochures and an agenda. They are expecting 200 attendees. The workshop is being funded in part by 319 grant funding and other private sponsors.

Nonie Dudley said they are winding down one year and beginning a new year of providing funding for water and wastewater facilities starting in October.

Larry Ruff invited all to come and enjoy a cruise on the Mississippi River on the Tom Sawyer on October 8, 2005.

Gerry Boehm mentioned that the 2<sup>nd</sup> Annual Clean Water Celebration in St. Louis will be October 7 and they are expecting over 500 students. As part of the Clean Water Celebration, the William C. Shock award ceremony will be held October 5 at the Alberici Building.

Jim Mellem said Kansas City is working on wet weather solutions, a CSO control plan, and other plans.

Becky said a decision will be made soon on the 604(b) applications received. The next Request for Proposals should be coming out this fall.

Terry Frueh said Larry Kauffman will be providing Low-Impact Development technical trainings in Kansas City and St. Louis in mid-October.

### **Meetings & Conferences**

August 27	Operation Clean Stream, Meramec River
Sept. 7	Clean Water Commission meeting, Capitol Plaza Hotel, Jefferson City
13-15	It's The Water Workshop, Hannibal
20	Water Quality Coordinating Committee meeting, Jefferson City
Oct. 3-7	2 <sup>nd</sup> Annual Clean Water Celebration, St. Louis Science Center
8	10 <sup>th</sup> Annual Big River Rendezvous, St. Louis
18	World Water Monitoring Day
19	Water Environment Federation Conference, Columbia
mid-Oct.	Low Impact Development technical training